



Substitute for form 1449A/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		
Shimakura et al.				Filing Date		
(use as many sheets as necessary)				First Named Inventor		
Sheet 1 of 1				Art Unit		
				Examiner Name		
				Attorney Docket Number		
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
J/A		US-4,330,446	05/18/1982	Miyosawa		
		US-4,407,899	10/04/1983	Hara et al.		
		US-4,659,394	04/21/1987	Hara et al.		
		US-5,397,638	03/14/1995	Miki et al.		
		US-5,437,937	08/01/1995	Cayless		
		US-6,090,873	07/18/2000	Okibe et al.		
		US-6,096,139	08/01/2000	Shimakura et al.		
		US-6,241,830B1	06/05/2001	Shimakura et al.		
		US-6,309,477	10/30/2001	Shimakura et al.		
		US-6,572,983 B2	06/03/2003	Shimakura et al.		
		US-2001/0042491A1	11/22/2001	Shimakura et al.		
		US-2001/0054455A1	12/27/2001	Shimakura et al.		
		US-2004/0009300A1	01/15/2004	Shimakura et al.		
		US-6,447,589B2	09/10/2002	Sasaki et al.		
		US-2001/0020066A1	09/06/2001	Sasaki et al.		
		US-6,475,621B1	11/05/2002	Kohli et al.		
		US-6,538,092	03/25/2003	Terry et al.		
		US-2001/0056157A1	12/27/2001	Terry et al.		
		US-2003/0032721A1	02/13/2003	Terry et al.		
		US-6,719,836B2	04/13/2004	Nederlof et al.		
		US-6,727,309B1	04/27/2004	Paiva et al.		
		US-2004/0068035A1	04/08/2004	Paiva et al.		
		US-2004/0022950A1	02/05/2004	Jung et al.		
		US-2004/0062873A1	04/01/2004	Jung et al.		
	US-2004/0054044A1	03/18/2004	Bittner et al.			
	US-5,969,019	10/19/1999	Kanai et al.			
	US-6,180,177B1	01/30/2001	Nagashima et al.			
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Country	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue Number(s), publisher, city and/or country where published.				T ²
Examiner Signature		Date Considered				

*EXAMINER: Initials if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.